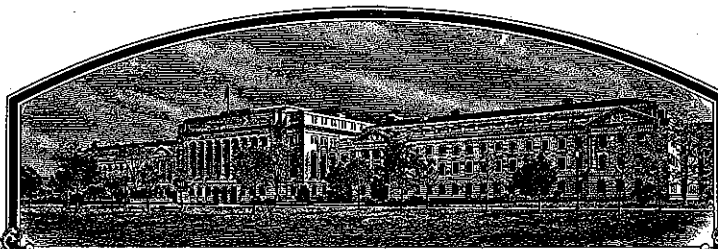


No.

200300148



THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Pure Seed Testing, Inc.

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE FEE THEREON IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR IMPORTING IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE FOREGOING PURPOSES, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

BLUEGRASS, KENTUCKY

'Golden Nugget'

In Testimony Whereof, I have hereunto set my hand and caused the seal of the Plant Variety Protection Office to be affixed at the City of Washington, D.C. this sixteenth day of July, in the year two thousand and eight.

Attest:

Commissioner
Plant Variety Protection Office
U. S. D. A.

Secretary of Agriculture

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE AND TECHNOLOGY - PLANT VARIETY PROTECTION OFFICE

The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a) and the Paperwork Reduction Act (PRA) of 1995.

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE
(Instructions and information collection burden statement on reverse)



1. NAME OF OWNER Pure Seed Testing, Inc.		2. TEMPORARY DESIGNATION OR EXPERIMENTAL NAME PST-B6-63		3. VARIETY NAME Golden Nugget	
4. ADDRESS (Street and No., or RFD No., City, State, and ZIP Code, and Country) P.O. Box 449 Hubbard, OR 97032		5. TELEPHONE (include area code) (503) 651-2130		FOR OFFICIAL USE ONLY PVPO NUMBER 200300148	
		6. FAX (include area code) (503) 263-0703		FILING DATE February 10, 2003	
7. IF THE OWNER NAMED IS NOT A "PERSON", GIVE FORM OF ORGANIZATION (corporation, partnership, association, etc.) Corporation		8. IF INCORPORATED, GIVE STATE OF INCORPORATION Oregon		9. DATE OF INCORPORATION 1975	
10. NAME AND ADDRESS OF OWNER REPRESENTATIVE(S) TO SERVE IN THIS APPLICATION. (First person listed will receive all papers) Crystal Rose-Fricker Pure Seed Testing, Inc. P.O. Box 449 Hubbard, OR 97032				FILING AND EXAMINATION FEES: \$ 270.50 DATE 2/10/03 CERTIFICATION FEE: \$ 768.00 DATE 6/23/2008	
11. TELEPHONE (Include area code) (503) 651-2130		12. FAX (Include area code) (503) 263-0703		13. E-MAIL pureseedtesting.com crystal@pureseedtesting.com (dt: 6/27/2006)	
14. CROP KIND (Common Name) Kentucky bluegrass					
18. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED (Follow instructions on reverse)					
a. <input checked="" type="checkbox"/> Exhibit A. Origin and Breeding History of the Variety b. <input checked="" type="checkbox"/> Exhibit B. Statement of Distinctness c. <input checked="" type="checkbox"/> Exhibit C. Objective Description of Variety d. <input checked="" type="checkbox"/> Exhibit D. Additional Description of the Variety (Optional) e. <input checked="" type="checkbox"/> Exhibit E. Statement of the Basis of the Owner's Ownership f. <input checked="" type="checkbox"/> Voucher Sample (2,500 viable untreated seeds or, for tuber propagated varieties, verification that tissue culture will be deposited and maintained in an approved public repository) g. <input checked="" type="checkbox"/> Filing and Examination fee (\$2,705), made payable to "Treasurer of the United States" (Mail to the Plant Variety Protection Office)					
19. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE SOLD AS A CLASS OF CERTIFIED SEED? See Section 83(a) of the Plant Variety Protection Act <input type="checkbox"/> YES (If "yes," answer items 20 and 21 below) <input checked="" type="checkbox"/> NO (If "no," go to item 22)					
20. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF CLASSES? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, WHICH CLASSES? <input checked="" type="checkbox"/> FOUNDATION <input checked="" type="checkbox"/> REGISTERED <input checked="" type="checkbox"/> CERTIFIED					
21. DOES THE OWNER SPECIFY THAT THE CLASSES BE LIMITED AS TO NUMBER OF GENERATIONS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, SPECIFY THE <input checked="" type="checkbox"/> FOUNDATION <input checked="" type="checkbox"/> REGISTERED <input checked="" type="checkbox"/> CERTIFIED NUMBER 1, 2, 3, etc. (If additional explanation is necessary, please use the space indicated on the reverse.)					
22. HAS THE VARIETY (INCLUDING ANY HARVESTED MATERIAL) OR A HYBRID PRODUCED FROM THIS VARIETY BEEN SOLD, DISPOSED OF, TRANSFERRED, OR USED IN THE U.S. OR OTHER COUNTRIES? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF YES, YOU MUST PROVIDE THE DATE OF FIRST SALE, DISPOSITION, TRANSFER, OR USE FOR EACH COUNTRY AND THE CIRCUMSTANCES. (Please use space indicated on reverse.)					
23. IS THE VARIETY OR ANY COMPONENT OF THE VARIETY PROTECTED BY INTELLECTUAL PROPERTY RIGHT (PLANT BREEDER'S RIGHT OR PATENT)? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF YES, GIVE COUNTRY, DATE OF FILING OR ISSUANCE AND ASSIGNED REFERENCE NUMBER. (Please use space indicated on reverse.)					
24. The owners declare that a viable sample of basic seed of the variety will be furnished with application and will be replenished upon request in accordance with such regulations as may be applicable, or for a tuber propagated variety a tissue will be deposited in a public repository and maintained for the duration of the certificate. The undersigned owner(s) is(are) the owner of this sexually reproduced or tuber propagated plant variety, and believe(s) that the variety is new, distinct, uniform, and stable as required in Section 42, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act. Owner(s) is(are) informed that false representation herein can jeopardize protection and result in penalties.					
SIGNATURE OF OWNER 			SIGNATURE OF OWNER 		
NAME (Please print or type) Crystal Rose-Fricker			NAME (Please print or type) Joseph K. Wipff, Ph.D.		
CAPACITY OR TITLE President		DATE 02/06/03		CAPACITY OR TITLE Taxonomist/Plant Breeder	
				DATE 2-7-03	

Exhibit A - Revised**Origin and Breeding History of Golden Nugget (PST-B6-63) Kentucky Bluegrass**

Golden Nugget (PST-B6-63) Kentucky Bluegrass (*Poa pratensis* L.) was developed by Pure Seed Testing, Inc. of Hubbard, OR. Golden Nugget originated as a single highly apomictic plant selected from the progeny of the following cross: Nugget x Limousine.

Plants of Nugget and Limousine were brought into the greenhouse from spaced-plant nurseries in Oregon the spring of 1995. Seedlings from this cross were established in a field nursery in Oregon fall of 1995. Promising hybrids were identified and selected during May and June of 1996 with good seed head number and turf performance. Golden Nugget was given the experimental code PST-B6-63. Seed was harvested of PST-B6-63 and used to establish single plant progeny turf plots in Oregon and at Rutgers University in New Jersey. During 1997 and 1998 Golden Nugget was evaluated for seed yield and turf performance. A breeder seed nursery of 496 plants was established fall 1999 in Oregon. Aberrant, off-type and variant plants were removed from the breeder seed nursery leaving 412 plants. Breeder seed was harvested in 2000 and 2001.

Seed production of Golden Nugget is limited to three generations of increase from Breeder seed: one each of Foundation, Registered, and Certified. Pure-Seed Testing, Inc. maintains Breeder seed in Oregon and will regenerate as necessary. Golden Nugget has shown stability and uniformity multiplied from Breeder seed through the Certified seed generation.

Golden Nugget is a facultative apomict with 85% of its progeny appearing genetically identical to the maternal plant. Golden Nugget Kentucky bluegrass has produced turf and seed fields of equal quality, acceptable uniformity, and good stability. No variants have been observed in the replication or multiplication of Golden Nugget Kentucky bluegrass.

Exhibit B - Revised
Novelty Statement for Golden Nugget (B6-63) Kentucky Bluegrass

Golden Nugget (B6-63) is a Kentucky bluegrass (*Poa pratensis* L.) that may be distinguished from all cultivars by a combination of spaced-plant and turf characteristics.

Golden Nugget most closely resembles the cultivar Limousine. They differ in the following characteristics:

Golden Nugget is at least 16.2 cm shorter in plant height at reproductive maturity than Limousine (Table 1).

Golden Nugget has a tiller leaf length at least 1.8 cm shorter than Limousine (Table 2).

Golden Nugget has a panicle length at least 2.8 cm shorter than Limousine (Table 3).

Exhibit B Tables - Revised

Table 1. Plant height (cm) of Kentucky bluegrass grown in seed yield trial near Hubbard, Oregon.

Variety	2000 Seeding	
	2001 (cm)	2002 (cm)
Limousine	75.1	70.3
Golden Nugget	58.9	47.1
LSD 0.05	2.7	2.4

Table 2. Tiller leaf length (cm) of Kentucky bluegrass grown in seed yield trial near Hubbard, Oregon.

Variety	2000 Seeding	
	2001 (cm)	2002 (cm)
Limousine	11.7	6.8
Golden Nugget	7.1	5.0
LSD 0.05	0.7	0.6

Table 3. Panicle length (cm) of Kentucky bluegrass grown in seed yield trial near Hubbard, Oregon.

Variety	2000 Seeding	
	2001 (cm)	2002 (cm)
Limousine	10.5	9.0
Golden Nugget	6.9	6.2
LSD 0.05	0.5	0.8

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this collection of information is (0581-0055). The time required to complete this information collection is estimated to average 30 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, gender, religion, age, disability, political beliefs, sexual orientation, and marital or family status. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact the USDA's TARGET Center at 202-720-2600 (voice and TDD). To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 14th and Independence Avenue, SW, Washington, DC 20250-9410 or call (202) 720-5964 (voice and TDD). USDA is an equal opportunity provider and employer.

**U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE AND TECHNOLOGY PROGRAM
PLANT VARIETY PROTECTION OFFICE
BELTSVILLE, MD 20705**

**EXHIBIT C
(BLUEGRASS)**

**OBJECTIVE DESCRIPTION OF VARIETY
BLUEGRASS
(*Poa* spp.)**

NAME OF APPLICANT(S) Pure Seed Testing, Inc.	TEMPORARY DESIGNATION PST-B6-63	VARIETY NAME Golden Nugget
ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP Code) P.O. Box 449, Hubbard, OR 97032		FOR OFFICIAL USE ONLY PVPO NUMBER #200300148

Select the number which characterizes the variety in the features described below. For measured characteristics use leading zeros as necessary in order to fill all blanks (e.g. 089). Those characteristics marked with a star * are preferred to be recorded. Any others should be recorded to help establish novelty or uniqueness. Characteristics described, including numerical measurements, should represent those that are typical for the variety. Measured data should be for SPACED PLANTS. Royal Horticultural Society or any recognized color fan may be used to determine plant colors; designate the system used:

Describe location of test area, conditions, and number of Plants used: Pure Seed Testing Research Farm near Hubbard, OR. Sixty plants measured from P.V.P. nursery planted in a randomized complete block with three replications of 20 plants each.

1. SPECIES:

1 = *Poa compressa* 2 = *P. pratensis* 3 = *P. trivialis* 4 = Others (Please Specify):

Chromosome Number

2. ADAPTATION: (0 = Not Tested, 1 = Not Adapted, 2 = Adapted, 3 = Well Adapted)

Northeast Transitional Zone Southeast North Central
 Pacific N.W. Intermountain Southwest (CA, AZ) Other (Please Specify):

3. MATURITY (At first anthesis): Give test area near Hubbard, Oregon.

★ 1 = Very Early 2 = Early (Delta, Mystic) 3 = Medium Early (Fylking, Nugget)
4 = Medium late (Newport, Adelphi, Aquila) 5 = Late (Merion, Baron, Enmundi)
6 = Very Late (Pacific)

Date of First Anthesis: May 22, 2001

<input type="text" value="0"/> <input type="text" value="7"/>	Number of days earlier than	★ <input type="text" value="10"/>	} 1 = Nugget 2 = Frylking 3 = Delta 4 = Merion 5 = Newport 6 = Baron 7 = Mystic 8 = Sabre 9 = Reubens 10 = Unique
	Maturity same as	★ <input type="text"/>	
<input type="text"/> <input type="text"/>	Number of days later than	★ <input type="text"/>	

4. PLANT HEIGHT (At maturity-Average of longest shoot of 10 plants from soil surface to top of panicle): *Test Area* Hubbard, OR
 1 = Short 2 = Medium short (Baron, Fylking, Mystic) (Table 4)
 3 = Medium tall (Merion, Adelphi) 4 = Tall (delta) 5 = Very tall

★ 1 4 7 .1 cm Height

1 1 cm Shorter than

Height same as

cm Taller than

★ 6

★

★

#200300148

1 = Nugget

2 = Frylking

3 = Delta

4 = Merion

5 = Newport

6 = Baron

7 = Mystic

8 = Sabre

9 = Reubens

5. GROWTH HABIT:

★ 2 Habit: 1 = Prostrate (Nugget) 2 = Semiprostrate (Merion) 3 = Erect (Delta)

cm Amount of spread by rhizomes in 1 year (give test area:)

6. LEAF BLADE:

★ 3 Green color: 1 = Light green (Mystic) 2 = Medium green (Fylking, Bonnieblue)
 3 = Moderately dk. green (Merion, Adelphi) 4 = Very dk. green (Nugget, Glade, Enmundi)

★ 1 Bluegreen color: 1 = Not bluegreen (Mystic, Touchdown, Parade) 2 = Moderately bluegreen (Merion, A-34)
 3 = Bluegreen (Nugget, Enmundi, Adelphi) 4 = Strongly bluegreen (Majestic)

1 Winter color: 1 = Light green 2 = Dark green 3 = Light purple
 4 = Dark purple 5 = Not purple 6 = Not green or purple

★ 1 Hairs upper side: 1 = Absent (Nugget) 2 = Sparse (Merion) 3 = Dense (Park)

1 Hairs lower side: 1 = Absent (Fylking, Merion) 2 = Sparse 3 = Dense (Nugget)

1 Luster upper side: 1 = Shiny (Eclipse, Enmundi) 2 = Dull (Aquila, Parade)

2 Luster lower side: 1 = Shiny (Mystic, Enmundi) 2 = Dull (Barbie, Eclipse)

★ 1 Margin hairs 1 = Absent (Delta) 2 = Present (Fylking, Merion)
 (Fringe on Margin or Base):

★ 4 Width: 1 = Very fine (Mystic) 2 = Fine (Nugget) 3 = Medium (Merion, Fylking)
 4 = Broad (Adelphi, Baron) 5 = Very broad (Monopoly)

2 .7 0 mm Width (tiller leaf)

0 .2 mm Narrower than

Width same as

mm Wider than

★ 6

★

★

1 = Nugget

2 = Frylking

3 = Delta

4 = Merion

5 = Newport

6 = Baron

7 = Mystic

8 = Sabre

9 = Reubens

5 0 .0 mm Length (tiller leaf)

mm Shorter than

Length same as

2 .0 mm Longer than

★

★

★ 6

1 = Nugget

2 = Frylking

3 = Delta

4 = Merion

5 = Newport

6 = Baron

7 = Mystic

8 = Sabre

9 = Reubens

Position of flag leaf (angle to stem): 1 = Appressed 2 = Open angle, yet stiff 3 = Nodding

7. LEAF SHEATH: 2002 Data from 2000 seed yield trial (Table 4).

#200300148

mm sheath length

- ★ Seedling Color (base of sheath): 1 = Green (Nugget, Merion) 2 = Red (Delta)
- ★ Hairs on Margin: 1 = Absent (Fylking) 2 = Present (Nugget)
- ★ Margin Roughness (to touch): 1 = Smooth (Delta) 2 = Rough (Sabre)
- Hairs on Surface: 1 = Absent () 2 = Present (Nugget)
- Surface Roughness (to touch): 1 = Smooth (Fylking) 2 = Rough (Ram I)
- Hairs on both sides just beneath leaf blade (under collar): 1 = Absent (Merion) 2 = Present (Nugget)
- ★ Hairs on ligule: 1 = Absent (Fylking) 2 = Short (Baron) 3 = Long (Nugget)
- Glaucoity: 1 = Absent (Mystic, Enmundi) 2 = Present (Birka)
- Keel: 1 = Absent (Ram I) 2 = Present (Adelphi)

8. PANICLE (Mature Plant):

mm Length (Lowest branch whorl to top, for 10 plants) Test Area: 2002 Data from 2000 Seed Yield Trial (Table 4).

mm Shorter than 1 = Nugget 2 = Fylking 3 = Delta

Panicle same as 4 = Merion 5 = Newport 6 = Baron

mm Longer than 7 = Mystic 8 = Sabre 9 = Reubens

- ★ Color (at 50% flowering): 1 = Not red (Fylking) 2 = Red (Nugget)
- Shape of Rachis (opposite lower side branches): 1 = No bend (Nugget) 2 = Bend (Merion)
- ★ Collar: 1 = Opened (Nugget) 2 = Closed (Merion)
- ★ Branches Attitude (Lowest whorl): 1 = Drooping (America, Prato) 2 = Horizontal (Merion) 3 = Ascending (Tundra)
- Number of main branches in lowest whorl:
- ★ Panicle habit: 1 = Nodding (Newport) 2 = Upright (Nugget)
- ★ Panicle type: 1 = Open 2 = Intermediate 3 = Compact
- Anther color (anthesis): 1 = Purple 2 = Yellow 3 = Brown

9. LEMMA

- ★ Keel 1 = Glabrous 2 = Slightly pubescent 3 = Pubescent
- ★ Marginal Nerves
- Intermediate Nerves: 1 = Distinct 2 = Obscure
- Basal Webbing: 1 = Absent 2 = Scant (Baron) 3 = Copious (Merion)

10. SEED: (Floret-not dehulled)

#200300148

★ Apomixis Percentage: 1 = more than 95 2 = 85 to 95 3 = less than 85
 Phenol Reaction: 1 = none-lemma removed (Merion) 2 = Beige (Cougar) 3 = Brown (Windsor)
 4 = Black (Mystic -2hrs) 5 = Black (-24hrs)

mm Width (average of 10) mm Length

Milligrams per 10,000 seed

Milligrams less than ★ } 1 = Nugget 2 = Frylking 3 = Delta
 Weight same as ★ } 4 = Merion 5 = Newport 6 = Baron
 Milligrams more than ★ } 7 = Mystic 8 = Sabre 9 = Reubens

Weight Class (g per 10,000 seed): 1 = Light (< 3g Sydsport, Merion)
 2 = Medium (3g - 4g Adelphi, Parade)
 3 = Heavy (> 4g Fylking, Nugget)

11. ENVIRONMENTAL RESISTANCE:

(0 = Not Tested; 1 = Very Susceptible, 2 = Moderately Susceptible, 3 = Moderately Resistant, 4 = Highly Resistant)

★ Cool Temperature (Winter color) Cold (injury) Heat Drought
 Shade Low Fertility Acid Soil (< pH 5.5) Alkalinity (pH > 7.5)
 Salinity Soil Compaction Poor Drainage Air Pollution
 Other (Please Specify):

12. DISEASE RESISTANCE:

(0 = Not Tested; 1 = Very Susceptible, 2 = Moderately Susceptible, 3 = Moderately Resistant, 4 = Highly Resistant)

<input type="text" value="0"/> Melting-Out <i>Drechslera poae</i> (<i>Helminthosporium vagans</i>)	<input type="text" value="0"/> Sclerotinia <i>S. borealis</i>
<input type="text" value="4"/> Helminthosporium Leaf Spot <i>Bipolaris sorokiniana</i>	<input type="text" value="3"/> Stem Rust <i>Puccinia graminis</i>
<input type="text" value="0"/> Brown Patch <i>Rhizoctonia solani</i>	<input type="text" value="4"/> Stripe Rust <i>P. striiformis</i>
<input type="text" value="0"/> Powdery Mildew <i>Erysiphe graminis</i>	<input type="text" value="0"/> Leaf Rust <i>P. poae-nemoralis</i>
<input type="text" value="0"/> Stripe Smut <i>Ustilago striiformis</i>	<input type="text" value="0"/> Orange Stripe Rust <i>P. poarum</i>
<input type="text" value="0"/> Flag Smut <i>Urocystis agropyri</i>	<input type="text" value="0"/> Pythium Blight <i>Pythium</i> spp.
<input type="text" value="0"/> Pink Snow Mold <i>Fusarium nivale</i>	<input type="text" value="0"/> Red Thread <i>Corticium fujiciforme</i>
<input type="text" value="0"/> Ergot <i>Claviceps purpurea</i>	<input type="text" value="0"/> Other (Please Specify):
<input type="text" value="0"/> Fusarium Blight <i>Fusarium roseum</i> , <i>F. tricinctum</i>	<input type="text" value="0"/> Other (Please Specify):
<input type="text" value="0"/> Typhula Blight <i>Typhula</i> spp.	
<input type="text" value="0"/> Dollar Spot <i>Sclerotinia homoeocarpa</i>	

13. INSECTS, NEMATODES, RESISTANCE:

(0 = Not Tested; 1 = Very Susceptible, 2 = Moderately Susceptible, 3 = Moderately Resistant, 4 = Highly Resistant)

- Chinch Bug *Blissus* spp. (give species:)
- Sod Webworm *Crambus* spp. (give species:)
- Bluegrass Billbug *Sphenophorus parvulus*
- White Grub: Japanese Beetle, Chafer (give species)
- Greenbug Aphid *Schizaphis graminum*
- Other (Please Specify):
- Other (Please Specify):

14. Give variety or varieties that most closely resemble the application variety. For the following characteristics indicate Degree of Resemblance by placing in the column marked D.R., one of the following numbers: 1 = Application variety is less than comparison variety; 2 = Same as; 3 = More than, better, greater, darker, more disease resistant, etc.

CHARACTER	VARIETY	D.R.	CHARACTER	VARIETY	D.R.
Maturity-heading	Limousine	3	Leaf Width	Limousine	1
Height	Limousine	1	Leaf Color Spring	Limousine	2
Seed Size	Limousine	1	Leaf Color Summer	Limousine	2
Seed Weight	Limousine	1	Leaf Color Winter	Limousine	2
Cold Injury	Limousine	2	Drought	Limousine	2
Heat	Limousine	2	Disease**	Limousine	2
Shade	Limousine	2			

**Specify each disease evaluated.

Leaf Spot

15. ADDITIONAL DESCRIPTION

Describe all characteristics and conditions that cannot be adequately described in this form in Exhibit D.

Exhibit D.**Additional Description of Golden Nugget (PST-B6-63) Kentucky Bluegrass**

Golden Nugget is a late maturing variety that has shown:

1. Good turf quality and March winter color ratings in a National trial at Rutgers (Table 5).
2. Good leaf spot resistance in Oregon (Table 6).
3. Good winter color in Oregon (Table 6).
4. Good stripe and stem rust resistance in California (Table 7).
5. Good salinity tolerance (Table 8).

Table 4. 2002 mean morphological measurements for entries in a Kentucky bluegrass seed yield trial seeded fall of 2000 near Hubbard, OR.

Entry	Plant Height (cm)	Flag Leaf		Tiller Leaf		Panicle Length (cm)	Length from Flag Leaf to Inflorescence (cm)	Branches in Lowest Whorl (#)	Tiller Leaf		Flag Leaf		Tiller Count (#/12.7 cm Row)
		Height (cm)	Sheath Length (cm)	Sheath Length (cm)	Length (cm)				Length (cm)	Width (mm)	Length (cm)	Width (mm)	
Limousine	70.3	37.0	12.1	7.6	9.0	31.2	3.8	6.8	3.2	4.7	2.7	67.6	
Baron	58.5	25.8	8.9	6.7	7.3	27.4	4.2	4.8	2.9	3.4	2.5	65.3	
Golden Nugget	47.1	23.8	7.2	5.3	6.2	20.9	3.9	5.0	2.7	3.1	3.0	117.7	
LSD (0.05)	2.4	2.0	1.1	0.6	0.8	1.6	0.3	0.6	0.3	0.4	0.3	17.6	

#200300148

Table 5. Performance of Kentucky bluegrass cultivars and selections in a turf trial seeded in September 2000 at Adelphia, NJ. (Includes all entries of the 2000 National Kentucky Bluegrass Medium-High Maintenance Test – NTEP.)

Entry	Cultivar or Selection	Turf Quality ¹ 2001 Avg.	Establish- ment ² Sept. 2000	Height Oct. ³ 2000	Color ⁴ Nov. 2000	Winter Color ⁵ Jan. 2001	Steminess ⁶ May 2001
1	Unknown	6.9	7.3	6.7	5.7	4.3	7.7
2	SRX 26351	6.8	6.3	6.3	5.0	5.3	5.3
13	Midnight	6.3	7.0	7.0	6.3	4.3	6.7
36	Moonlight	6.0	7.3	7.3	7.7	7.0	5.3
112	Baron	5.5	6.3	6.3	4.7	3.3	4.3
158	Golden Nugget	5.3	5.7	8.3	2.3	6.7	5.3
184	Julia	5.1	6.7	5.3	5.0	5.7	7.0
270	Bodacious	3.6	3.3	4.7	6.3	4.3	4.3

LSD at 5% =

0.8 1.4 1.1 1.3 1.3 1.0

¹9 = best turf quality

²9 = quickest establishment

³9 = shortest plant height

⁴9 = darkest green color

⁵9 = brightest green color during winter

⁶9 = fewest visible seed heads

Table 6. 2001 mean leaf spot and winter color ratings for entries in a Kentucky bluegrass turf trial seeded fall of 2000 near Hubbard, OR (includes entries in 2000 commercial National Kentucky Bluegrass Trial).

Entry	Leaf Spot 31 Jan	Winter Color 31 Jan
Golden Nugget	6.7¹	5.7²
Baron	4.7	5.7
Limousine	5.3	5.3
Midnight	5.7	5.3
Voyager	3.3	4.7
North Star	4.7	4.3
Kenblue	2.0	2.3
LSD (0.05)	1.5	1.0

¹9 = no disease

²9 = dark green

U.S. DEPARTMENT OF AGRICULTURE
 AGRICULTURAL MARKETING SERVICE
 SCIENCE AND TECHNOLOGY DIVISION - PLANT VARIETY PROTECTION OFFICE

The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 652a) and the Paperwork Reduction Act (PRA) of 1995.

EXHIBIT E
 STATEMENT OF THE BASIS OF OWNERSHIP

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).

1. NAME OF APPLICANT(S) Pure Seed Testing, Inc.	2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER PST-B6-63	3. VARIETY NAME Golden Nugget
4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP Code, and Country) P.O. Box 449 Hubbard, OR 97032	5. TELEPHONE (include area code) (503) 651-2130	6. FAX (include area code) (503) 263-0703
7. PVPO NUMBER #200300148		

8. Does the applicant own all rights to the variety? Mark an "X" in appropriate block. If no, please explain. ☒ YES ☐ NO

9. Is the applicant (individual or company) a U.S. national or U.S. based company?

If no, give name of country _____

☒ YES ☐ NO

10. Is the applicant the original breeder? If no, please answer the following:

☒ YES ☐ NO

a. If original rights to variety were owned by individual(s):

Is (are) the original breeder(s) a U.S. national(s)? If no, give name of country _____

b. If original rights to variety were owned by a company:

☒ YES ☐ NO

Is the original breeder(s) U.S. based company? If no, give name of country _____

11. Additional explanation on ownership (If needed, use reverse for extra space):

Pure Seed Testing, Inc. has licensed Golden Nugget to Emerald Commodities, Inc., to grow, produce and market this variety throughout the world.

PLEASE NOTE:

Plant variety protection can be afforded only to owners (now licensees) who meet one of the following criteria:

1. If the rights to the variety are owned by the original breeder, that person must be a U.S. national, national of a UPOV member country, or national of a country which affords similar protection to nationals of the U.S. for the same genus and species.
2. If the rights to the variety are owned by the company which employed the original breeder(s), the company must be U.S. based, owned by nationals of a UPOV member country, or owned by nationals of a country which affords similar protection to nationals of the U.S. for the same genus and species.
3. If the applicant is an owner who is not the original breeder, both the original breeder and the applicant must meet one of the above criteria.

The original breeder may be the individual or company who directed final breeding. See Section 41(a)(2) of the Plant Variety Protection Act for definition.

Public reporting burden for this collection of information is estimated to average 10 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing the reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to Department of Agriculture, Clearance Officer, OIRM, AG Box 7630, Jamie L. Whitten Building, Washington, D.C. 20250. When replying, refer to OMB No. 0581-0055 and form number in your letter.

Under the PRA of 1996, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

The U.S. Department of Agriculture (USDA) prohibits discrimination in its programs on the basis of race, color, national origin, sex, religion, political beliefs, and marital or terminal status. (Not all prohibited bases apply to all programs). Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact the USDA Office of Communications at (202) 720-2791.

To file a complaint, write the Secretary of Agriculture, U.S. Department of Agriculture, Washington, D.C. 20250, or call (202) 720-7327 (voice) or (202) 720-1127 (TDD). USDA is an equal employment opportunity employer.